

**SYSTEM AND METHOD FOR ADAPTIVELY  
SETTING BIOMETRIC MEASUREMENT THRESHOLDS**

**ABSTRACT OF THE DISCLOSURE**

5           A system and method is provided for adaptively setting biometric measurement thresholds in a biometric measurement system. A biometric measurement system comprises a biometric sensor, an analysis unit, and an output unit. The invention comprises an environmental sensor that measures a value of an environmental parameter of the ambient environment of the biometric measurement system. The invention also  
10       comprises an adaptive threshold setting unit that adaptively sets an adjustable biometric measurement threshold in the analysis unit using a value of the environmental parameter measured by the environmental sensor. The analysis unit analyzes biometric measurements received from the biometric sensor and uses the adjusted biometric measurement threshold to take into account the influence of environmental changes.

15